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January 16, 2003. 16.34.37 ; Scarch time 23.7857 Seconds (without alignments) 28.011 Million cell updates/sec
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description		Human nepreceptor	Octapeptide used i	Human hepreceptor	Nonapeptide used i	Human hepreceptor	Epithelial protein	Amino acid sequenc	Human herrezertor	Human endodenous p	Human hepreceptor
SUMMARIES	1	AMB6 2034	AAM4 9728	AAB82033	AAM49724	AAB82031	AAW26551	AAWS0920	NABRIOIR	AAR88086	AAB82035
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88 50 50 60					L'A:	Peptide #3314 on Human peptide on Human secreted Peptide #325 en Peptide #325 en Peptide #325 en Peptide #329 en Peptide #3192 en Peptide #3192 en Peptide #319 en Peptide #319 en Peptide #319 en Streptoccus po Human peptide #5494 en Human bone marroreptide #6698 en Human peptide expruman peptide en Peptide #6698 en Human peptide en Human peptide en Human bone marroreptide #6698 en Human bone marroreptide #8519 en Human bone marroreptide #8598 en Human bone marroreptide #8591 en #8591
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3 8 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					K.	Pricin #192 en Human brain expr Human brain expr Human bone marro- Peptide #3219 en Peptide #3184 en Peptide #3184 en Bruman peptide en Streptione #5984 en Human brain expp Human bone marro- Human peptide en Human peptide en Human peptide en Human brain expr Human brain expr Human brain expr Human brain expr
8 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					FN:	Human brain expr Human beptide #3219 Peptide #327 en Peptide #387 en Peptide #387 en Human peptide en Strogtcoccus po Human polypeptid Protein #5997 en Human brain expr Human bone marron Peptide #5698 en Human peptide en Human brain expr Human brain expr Human brain expr Human brain expr Human brain expr Human brain expr
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88.03 0.03 0.03					TN:	Peptide #3367 em Peptide #3367 em Peptide #3184 en Human polypeptid Peptide #5984 en Profein #5984 en Profein #5984 en Human bone marro Peptide #508 en Human peptide en Peptide #508 en Human peptide en Human brain expt Human brain expt Human brain expt Human brain expt Human brain expt
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       Claim 19; Page 36; 42pp; English.
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                                                                                                                    this invention describes a novel method for the synthesis of
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infectious diseases and cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           99GB-0021881.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17-SEP-1999;
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Gaps

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the structure of the cortical cytoskeleton to control cell surface topography. The present invention relates to peptidus (see A882021 to AA882041) that bind to hepreceptor with gruter affinity than Herl (see A882046). The hepreceptor binding peptides are useful for inducing immune responses, and for treating infectious diseases, cancer and HIV-related dementia. The present peptide binds to domain B of the hepreceptor (AAH82020).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  immune response inducer; ezrin; infectious diseases; cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The hepreceptor is a novel active site in human ezrin. Ezrin regulates
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                          Length 9;
                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human; hepreceptor; cytostatic; anti-HIV; antibiotic;
                                                                                                                                                                                                                                                                                                                                                                                                               Human hepreceptor domain B binding peptide Kupe414.
                       100.0%, Score 25, DB 23,
100.0%; Pred. No. 7.8e+05;
ive 0; Mismatches 0:
                                                                                                                                                                                                                                                                         AAB82031 standard; peptide; 11 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  infectious diseases and cancer
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                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HIV-related dementia.
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es 5; Conserv
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Z Thr(But)·Glu(But) Lys(Boc)-Lys(Boc)-Arg-OH with nonapeptide of the formula: Arg-Glu(But)-Thr(But)-VAI-Glu(Rut)-Arg-Glu(Rut)-Lys(Roc)-Glu(But)-OBut followed by removal of protective groups in the synthesized semiproduct and preparing the end product The method of the invention has applications for pro-ein chemistry and blochemistry. This sequence represents a peptide used to illustrate the method of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This invention describes a novel method for the synthesis of tertadecapeptides of the general formula "Thr-Glu-Lys-Arg-Arg-Arg-Glu-Thr-Val-Glu-Arg-Glu-Lys-Glu-OH. The method involves condensation of a pentapeptide of the formula:
                          Caps
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                                                                                                                                                                                                                                                                                                                                                                                                          Fetradecapeptide synthesis, condensation, protein chunistry,
                       Indels
100.0%; Pred. No. 7.8e+05; tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                               Nonapeptide used in peptide synthesis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qua.ifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note- "Glu(But)"
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                       Conservative
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Best Local Similarity
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                   Matches
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12 AA;
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 Caps
                                                                                                                                                                                                                                                                                                                                                                                                 6 Claimed poptides (AAM26546-51) are CNB: fragments of an epithelial protein, the antigen for monoclonal antibody 70304, whose increased presence in an epithelial cell is indicative of precancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                      especially lund cancer. The major epithelial protein was purified from human lung cancer lines NCT-H720 and NCT-H157. It shares some sequence homology with the heterogeneous nuclear tribonucleoprotein shares some sequence homology with the splice variant humbles to see AAA2653). A minor copui fying epithelial protein shares some sequence homology with the splice variant humbles (see Transformation in lung, breast, bone, overy, prostate, kidney, melancoma and mayeloma, and may be causal in the process of carrinogenesis. Methods are provided for monitoring the expression
                                                                                                                                                                                                                                                                                                                            A new purified protein from epithelial cells - is expressed in high amounts in cancer and precancer cells, used as a marker for diagnosis and treatment of cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  A method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  of the epithelial protein, peptides and variants using molecular and immunological techniques as a screen for (pre)cancer. A meth of computerised diagnosis of (pre)cancer is claimed that detects levels of hiRNP mRNA. Also claimed are expression vectors, host relis and nucleic acid probes and primers useful in diagnostic screens for lund, renal, breast or prostate cancer, myeloma and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
                                 Epithelial protein; heterogeneous nuclear ribonuclear protein; 703M antique; hukNN-A2; hnkNP-H1; lung cancer; liver cancer; renal cancer; prostate cancer; melanoma; head cancer; prostate cancer; carcinogenesis; diagnosis; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 25; DB 18; Length 12; 100.0%; Pred. No. 48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Amino acid sequence of a human epithelial peptide.
          Epithelial protein (precancer marker) peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                    (USSH ) US DEPT HEALTH & HUMAN SERVICES.
                                                                                                                                                                                                                                                                                                                                                                            Claim 2; Page 138; 171pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAW50920 standard; peptide; 12 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                              95US-0538711.
                                                                                                                                                                         96WO-US15825
                                                                                                                                                                                                  9608-0725027
                                                                                                                                                                                                                                       SNINGOH SNHOC AIND ( OFAD)
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                                                                                                                                                                                                                                                                            Mulshine JL, Tockman MS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                    WPI: 1997-226219/20.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12 AA;
                                                                                                 Homo sapiens.
                                                                                                                        W09712975-A1.
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| EREKE 5
                                                                                                                                                                         02-OCT-1996;
                                                                                                                                                                                                  02 - OCT - 1996;
                                                                                                                                                                                                             02-OCT-1995;
                                                                                                                                                  10 APR 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAW50920;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 7
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Human; hepreceptor; cytostatic; anti-HTV; antibiotic;
nootropic; immune response inducer; ezrin; infectious diseases; cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              diagnose precancerous states, e.g. of lung, liver, kidney, breast, prostate, head or neck, melanoma or myeloma, or to determine susceptibility to these conditions and for monitoring treatment. Freedancer is also indicated by detecting post translational modification of the epithelial peptide which is a marker of epithelial cell transformation. Antibodies are potentially useful for diagnosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This is the amino acid sequence of the human epithelial peptide, used in the method of the invention as early markers for cancer. Probes and primers that hybridise to or amplify these peptides are used to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New isolated epithelial protein as early marker of cancer - useful in computer-assisted methods of diagnosis based on discriminant analysis of optical images of cells
Human epithelial peptide; marker; cancer; probe; hybridisation; primer; amplification; lung; liver; kidney; breast; prostate; melanoma; myeloma; antibody.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              luu.um; Score 25; DB 19; Length 12; 100.0%; Pred, No. 48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (UYJO ) UNIV JOHNS HOPKINS.
(USSH ) US DEPT HEALTH & HUMAN SERVICES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAH82028 standard; peptide; 12 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Claim 2; Page 10; 159; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tockman MS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          and treatment of cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HIV-related dementia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 1998-240016/21.
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tes 5; Conserv
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1 EREKE 5
                                                                                              responses.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Holms RD;
                                                                                                                            Sednence
                                                                                                                                                                                                                                                                                                                                                                   AAB82035;
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                                                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                    RESULT 10
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 8 × 8 8 8 8 8 8 8
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                                                                                                                                                                                   The hepreceptor is a movel active site in human earin. Earin regulates the structure of the cortical cytoskeleton to control cell surface topography. The present invention relates to peptidus (see AAB82021) that bind to hepreceptor with greater affinity than HEPI (see AAB8204). The hepreceptor binding peptidus are useful for inducing immune response, and for treating infectious diseases, cancer and hepreceptor (AAB82020).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The present sequence designated human endogenous peptide I (HEPI) is identical to amino acids 324 to 337 of human earln. Earin is a human tubulin binding protein found in the cytoplasm of T cells and is phosphorylated by tryosine kinase during T cell activation. Earin is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ezrin; P81; human endoqenous peptide 1; human immunodeficiency virus; BIV; conserved region; C4; carboxy.terminus; homology; treatment; prophylaxis; AIDS; autoimmune deficiency syndrome; systemic crythematosus lupus; SLE.
                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Peptide compans, corresponding to HIV sequences—used for the prevention and treatment of AIDS, systemic lupus crythematesus or
                                                                                                                                                                                                                                                                                                                                                                                                 s)
                                                                                           Novel requistory or unfolding peptides of ezrin that binds to
                                                                                                          for inducing immune response for treating
                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 25; DB 22; Length 12; 100.0%; Pred. No. 48;
                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human endogenous peptide 1 (Ezrin residues 324-337).
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                                                                                                                                                                                                                                                                                                                                                                                               o; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAR88086 standard; peptide; 14 AA.
                                                                                                                                                     Claim 13; Page 36; 42pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 1; Page 24; 55pp; English.
                                                                                                      Hepreceptor, uselul for inducin
infectious diseases and cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             94GB-0011534
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                                                                                                                                                                                                                                                                                                                                                                                               5; Conservative
                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
                                                           WPI; 2001-293287/31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI: 1996-022440,03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     related disorders.
(HOLM/) HOLMS R D.
                                                                                                                                                                                                                                                                                                                                  12 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           8 EREKE 12
                                                                                                                                                                                                                                                                                                                                                                                                                           1 EREKE 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        08-TIIN-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             08-JUN-1994;
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                               Holms RD;
                                                                                                                                                                                                                                                                                                                                   Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAR88086;
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                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 9
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The hepreceptor is a novel active site in human earln. Earin regulates the structure of the corrival cytoskeleton to control cell surface topography. The present invention relates to peptides (see AABB204) that bind to hepreceptor with greater affinity than HEP1 (see AABB2045) that bind to hepreceptor with greater affinity than HEP1 (see AABB2046). The hepreceptor hinding peptides are useful for inducing immune response, and for treating infectious diseases, cancer and HIV telated dementia. The present peptide hinds to domains A and B of the hepreceptor (AABB2019 and AABB2020).
                       (a conserved c4 region at the Cterminus of human immunodeficiency wirus (HV) gp120. residues 498 510). Compans, contq. HEH] or a mixt, of two or more peptidues of derive, can be used for the prophylaxis and treatment of ALDS, systemic lapus erythematosus and related disorders. HEH inhibits in vivo, in humans, HIV virus or autoimmune or autoreactive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human, hepreceptor, cytostatic, anti-HIV, antibiotic;
nootropic; immune response inducer; ezrin; infectious diseases; cancer;
HIV-related dementia.
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also known as P81. This peptide has a 70% sequence homology to VHP1
                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                   0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Movel regulatory or unfolding peptides of earin that binds to Repreceptor, useful for inducing immune response for treating
                                                                                                                                                                                                                                                                                                                100.0%; Score 25; DB 17; Length 14: 100.0%; Pred. No. 56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 25; DB 22; Length 14; 100.0%; Pred. No. 56;
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                                                                                                                                                                                                                                                                                                                             100.0%; Pred. nc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAB82035 standard; peptide; 14 AA.
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                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WPI: 2001-293287/31
                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14 AA;
                                                                                                                                                                                                                                                    14 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10 EREKE 14
                                                                                                                                                                                                                                                                                                                                                                                                                                           1 EREKE 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13-JUN-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7-SEP-1999;
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Holms RD;
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                                                                                                                                 Human; hepreceptor; cytostatic; anti-HIV; antibiotic; Hepl;
mostropic; immune response inducer; ezrin; intectious diseases; cancer,
HIV-related dementia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                              Novel regulatory or unfolding peptides of exrin that binds to Hepreceptor, useful for inducing immune response for treating infectious diseases and cancer ^{\circ}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tetradecapeptide synthesis; condensation; protein chemistry;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 25; DB 22; Length 14; 100.0%; Pred. No. 56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
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                                          AAB82046 standard: peptide; 14 AA.
                                                                                                                                                                                                                                                                                                                                                                                                             Example 4; Page 24; 42pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAM49722 standard; peptide; 14 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .,
                                                                                                            Human hepreceptor peptide Hepl.
                                                                                                                                                                                                                                                 99GH-0021881.
                                                                                                                                                                                                                                                                        99GB-0021881.
                                                                                      14-JUN-2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14-JUN-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     and HIV related dementia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HEP-1 associated peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Maich
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                          WPI; 2001 293287741
                                                                                                                                                                                                                                                                                               (HOLM) HOLMS P.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10 EREKE 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 EREKE 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               biochemistry.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentitied.
                                                                                                                                                                                Homo sapiens
                                                                                                                                                                                                                                                 17-SEP-1999;
                                                                                                                                                                                                                                                                        17 SEP-1999;
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                                                                                                                                                                                                   GB2354241-A.
                                                                                                                                                                                                                           21-MAR-2001.
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                                                                AAB82046;
                                                                                                                                                                                                                                                                                                                    Holms RD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAM4 9722;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESILL 12
                              AAHB2046
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Human; hepreceptor domain A; cytostatic; anti-HIV; antibiotic; nootlopic, immune response inducer; carin; infectious diseases; cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    This invention describes a novel method for the synthesis of tetradecapeptides of the general formula. H-Thr-Galu-Lys-Glu-Galu-Thr-Val-Glu-Kar-Glu-Lys-Glu-UH. The method involves condensation of a pentapeptide of the formula. Z-Thr(But)-Clu(But)-Lys(Boc)-Lys(Boc)-Arg-OH with nonapeptide of the formula: Z-Thr(But)-Glu(But)-Thr(But)-VAl-Glu(But)-Arg-Glu(Hut)-Lys(Boc)-Glu (But)-OBut followed by removal of protective aroups in the synthesized semiproduct and preparing the end product. The method of the invention has applications for protein chemistry and blochemistry. This sequence represents a peptide used to illustrate the method of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Secre 25, 2B 23, Length 14, Best Local Similarity 100.0%; Pred. No. 56, Matches 5, Conservative 0, Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                          Method of synthesis of tetradecapeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAB82019 standard; peptide; 32 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 1; Column 3; 6pp; Russian.
                                                                10-AUG-2000; 2000PU-0120792.
                                                                                                                                    10-AUG-2000; 2000RU-0120792.
                                                                                                                                                                                                                                                                         Pomogaibo SV, Buryakova AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          99GB-0021881.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human hepreceptor domain A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13-JUN-2001 (first entry)
                                                                                                                                                                                                        (GEPV-) GEPVITANIYA LID.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HIV-related dementia.
                                                                                                                                                                                                                                                                                                                                         WPI; 2002-081347/11.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WPI; 2001-293287/31.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     10 EREKE 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (HOLM/) HOLMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 EREKE 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17-SEP-1999;
20-NOV-2001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GB2354241-A.
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Note: The sequence data for this patent did not lorm part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.Wipo.int/pub/published_pct_sequences.
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                                                                                                                                            Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human; cytokine, cell proliferation; cell differentiation, gene therapy;
                                                                                               Lupoqraphy. The present invention relates to periods (see AARR.2021 to AAB8204) that bind to heprenorpror with greater affinity than HEF1 (see AAB8204) that bind to heprenorpror binding peptides are useful for inducing immune response, and for treating infectious diseases, cancer and HIV-related dementia. The present sequence assembles into two anti-parallel helices with hepreceptor domain 8 (see AAB82020).
                                      The present sequence is domain A of human hepreceptor of human errin Thepreceptor is a novel active site in human errin. Errin regulates the structure of the cortical cytoskeleton to control cell surface
                                                                                                                                                                                                                                                                                                                           0; Caps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         vaccine; peptide therapy; stem cell growth factor; haeratopolesis;
tissue growth factor, immunomodulatory; cancer; leukaemia;
nervous system disorders; arthritis; inflammation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Isolated nucleic acids and polypeptides, useful for preventing diagnosing and treating e.g. leukaemia, inflammation and immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               claim 20; SEQ ID NO 22772, 1399pp + Sequence Listing, English.
                                                                                                                                                                                                                                                                                  100.0%; Score 25; DB 22; Longth 32; 100.0%; Prod No 1 30:02;
                                                                                                                                                                                                                                                                                                                         0; indels
                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human polypeptide SEQ ID NO 22772.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AA008880 standard; Protein; 34 AA.
Claim 4; Page 36; 42pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tang YT, Liu C, Drmanac RT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18-MAY-2000; 2000US-0577409.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26-PFR-2001; 2001WO-US04927
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         28-F88-2000; 2000us-05150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         06-NOV-2001 (first entry)
                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                               Local Similarity
es 5; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WPI; 2001-514838/56.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                            32 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           N-PSDB; AAI88811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  W0200164835-A2
                                                                                                                                                                                                                                                                                                                                                                                                          26 EREKE 30
                                                                                                                                                                                                                                                                                                                                                                 1 EREKE 5
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                                                                                                                                                                                                                                              Sednence
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                                                                                                                                                                                                                                                                                Owery Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AA00880;
                                                                                                                                                                                                                                                                                                                           Matches
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ID AA00
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                                                                                                                                Caps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Peptide #3396 encoded by breast cell single exon nucleic acid probe.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              than expressed sequence tag microarrays. The method is suitable for rapid production of functional information from genomic sequence. The present sequence is a peptide encoded by a single exon nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   for measuring gene expression in sample derived from human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 New spatially addressable set of single exon nucleic acid probes,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human; microarray; single exon probe; gene expression; breast;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Claim 27; SEQ ID NO 13713; 327pp + sequence listing; English.
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                                                                                                                                mdels
                                                       100.0%; Score 25; DB 22; 100.0%; Pred. No. 1.3e+02;
                                                                                                                                U, Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                             ABB30745 standard; Peptide; 39 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2000US-0207456.
2000US-0207456.
2000US-060840B
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2000US-0234687.
2000US-0234549.
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                                                                                                                             5, Comservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Peth SC. Hansel DK,
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                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    disease; cancer.
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                                                                                                                                                                                                                                                          20 EREKE 24
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21 SEP 2000;
27-SEP-2000;
                                                                                                                                                                                           1 EREKE 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens.
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50-JUN-2000;
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Seduence
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                                                           Query Match
                                                                                                                         Matches
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CC printed specification, but was obtained in electronic format directly CC Trom WHO at htp.Wipo.int/pub/published_pct_sequences.
SQ Sequence 49 AA:
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Oucry Match 100.0%; Score 25; DB 22; Length 39; Hest Local Similarity 100.0%; Pred, No. 1.5e±02; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps

Search completed: January 16, 2003, 16:49:11 Job time : 24.7857 secs